

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("6605442").PN.	USPAT	OR	OFF	2005/05/06 12:12
S2	0	isgf3 with label	US-PGPUB; USPAT	ADJ	ON	2005/05/06 11:56
S3	112	isgf3	US-PGPUB; USPAT	ADJ	ON	2005/05/06 11:56
S4	0	receptor recognition factor with label?	US-PGPUB; USPAT	ADJ	ON	2005/05/06 12:13
S5	26	receptor recognition factor with label\$	US-PGPUB; USPAT	ADJ	ON	2005/05/06 12:13

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(ROSPATENT) added to list of core patent offices covered
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data from INPADOC

NEWS 5 FEB 28 BBS - Current-awareness alerts (SDIs) available
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NEWS 7 MAR 02 GRFULL: New full-text patent database on STN
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 10 MAR 22 KOREPAT now updated monthly; patent information enhanced
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FILE 'HOME' ENTERED AT 12:02:22 ON 06 MAY 2005

=> index biosci

FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

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AQUASCI, BIOPUBLISHING, BIOMERRE, BIOENG, BIOSIS, BIOTCHABS, BIOTECHDS,
BIOTECHNO, CABAB, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB,
CROPU, DDFB, DDFU, DGENE, DISSABS, ...' ENTERED AT 12:02:33 ON 06 MAY
2005

75 FILES IN THE FILE LIST IN STNINDEX

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=> s isgf3 (15A) label?
1 FILE BIOSIS
2 FILE BIOTECHNO
3 FILE CANCERLIT
1 FILE CARLUS
1 FILE DRUGJ
31 FILES SEARCHED...
1 FILE EMBASE
1 FILE ESBIOLBASE
2 FILE LIFESCI
1 FILE MEDLINE
2 FILE SCISEARCH
2 FILE USPATFULL
71 FILES SEARCHED...

11 FILES HAVE ONE OR MORE ANSWERS, 75 FILES SEARCHED IN STNINDEX

L1 QUE ISGF3 (15A) LABEL?
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ENTRY SESSION

FULL ESTIMATED COST 1.18 1.39

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*> s 11

L2 17 L1

=> dup rem 12

PROCESSING COMPLETED FOR L2
6 DUP REM L2 (11 DUPLICATES REMOVED)

=> d 13 bib ab 1-6

L3 ANSWER 1 OF 6 USPATFULL on STN

AN 2004-26774 USPATFULL
TI Methods to identify agents that increase or decrease UBP43 activity and
IN methods for use of such agents
ZHANG, Dong-Er, San Diego, CA, UNITED STATES
Yan, Ming, San Diego, CA, UNITED STATES
Malakhova, Oxana A., San Diego, CA, UNITED STATES

PI US 2004209315 A1 20040121
AI US 2004-771951 A1 20040203 (10)
DT Utility
FS APPLICATION
LREP BAKER & BOTTS, 30 ROCKEFELLER PLAZA, NEW YORK, NY, 10112
CLM Number of Claims: 54
ECL Exemplary Claim: 1
DRAWN 32 Drawing Figure(s); 24 Drawing Page(s)
LN.CNT 3188

AB This invention relates (a) to a 540 kb YAC which encodes the necessary species specific factor(s) and is able to substitute for human Chromosome 21 to reconstitute the Hu-IFN-gamma receptor-mediated induction of class I HLA antigens; (b) to the construction of a plasmid to integrate the selective marker for antibiotic G418 resistance into YACs and to delete some of the human DNA fragments from YACs in order to facilitate the manipulation of human genomic DNA in yeast artificial chromosome (YAC) clones; (c) to two fragmentation vectors, PSEI and PSE2, which contain a neomycin resistance and URA3 gene, developed for targeting yeast artificial chromosomes (YACs) containing human genomic DNA; (d) to a chromosomal fragmentation procedure employed to produce a deletion set of yeast artificial chromosomes (YACs) from a parental YAC (GART DI421B) known to map to Chromosome 21q and to encode the human interferon gamma receptor (Hu-IFN-gamma R), accessory factor gene as well as the phosphoribosylglycinamide formyltransferase (GART) gene; and (e) to the isolation of cDNA clones that encode the necessary species-specific factor and that are able to substitute for human Chromosome 21 to reconstitute the Hu-IFN-gamma receptor-mediated induction of class I HLA antigens.

AB The present invention is directed to identification of agents that modulate UBP43 activity as well as associated methods, uses, processes, compositions and agents. In particular, the invention is directed to in vivo and in vitro methods to identify an agent that inhibits or

stimulates UBP43 activity within a cell, a method for inducing cellular apoptosis, a method for affecting cellular reaction to interferon, a method for treating disease associated with cellular proliferation by causing apoptosis, and a method for treating both acute and chronic diseases in which interferon exerts a beneficial effect. The invention is also directed to modified IgG1-conjugates that have lowered or no susceptibility to UBP43 cleavage, pharmaceutical compositions of the agents, conjugates, and additional modified IgG1-conjugates.

L3 ANSWER 2 OF 6 USPATFULL on STN

AN 2001152761 USPATFULL
TI Accessory factory function for interferon gamma and its receptor
IN Pestka, Stefan, North Caldwell, NJ, United States
Rotenber, Serghei, Highland Park, NJ, United States
Soh, Jiemeng, Highland Park, NJ, United States
Donnelly, Robert J., Highland Park, NJ, United States
Mariano, Thomas M., Somerset, NJ, United States
Cook, Jeffry R., Kendall Park, NJ, United States
Emmanuel, Stuart, New Brunswick, NJ, United States
Schwartz, Barbara, Annandale, NJ, United States
University of Medicine & Dentistry of New Jersey, Newark, NJ, United States (U.S. corporation)

PI US 6287853 B1 20010911
AI US 1997-871572
US 1997-871572 19970609 (8)

RLI Continuation of Ser. No. US 1995-44134, filed on 18 May 1995, now abandoned
Division of Ser. No. US 1993-110119, filed on 20 Aug 1993, now abandoned

DT Utility
FS GRANTED
EXNAM Primary Examiner: Saoud, Christine J.
LREP Muccino, Richard R.
CIMN
ECL Number of Claims: 5
Exemplary Claim: 1
DRAWN 32 Drawing Figure(s); 24 Drawing Page(s)
LN.CNT 3188

AB This invention relates (a) to a 540 kb YAC which encodes the necessary species specific factor(s) and is able to substitute for human Chromosome 21 to reconstitute the Hu-IFN-gamma receptor-mediated induction of class I HLA antigens; (b) to the construction of a plasmid to integrate the selective marker for antibiotic G418 resistance into YACs and to delete some of the human DNA fragments from YACs in order to facilitate the manipulation of human genomic DNA in yeast artificial chromosome (YAC) clones; (c) to two fragmentation vectors, PSEI and PSE2, which contain a neomycin resistance and URA3 gene, developed for targeting yeast artificial chromosomes (YACs) containing human genomic DNA; (d) to a chromosomal fragmentation procedure employed to produce a deletion set of yeast artificial chromosomes (YACs) from a parental YAC (GART DI421B) known to map to Chromosome 21q and to encode the human interferon gamma receptor (Hu-IFN-gamma R), accessory factor gene as well as the phosphoribosylglycinamide formyltransferase (GART) gene; and (e) to the isolation of cDNA clones that encode the necessary species-specific factor and that are able to substitute for human Chromosome 21 to reconstitute the Hu-IFN-gamma receptor-mediated induction of class I HLA antigens.

AB The present invention is directed to identification of agents that modulate UBP43 activity as well as associated methods, uses, processes, compositions and agents. In particular, the invention is directed to in vivo and in vitro methods to identify an agent that inhibits or

L3 ANSWER 3 OF 6 CANCERLT on STN
AN 97413783 CANCERLT

DUPLICATE 1

| | | | | |
|-------------|--|--------------------|----|---|
| DN | 97413783 | Pubmed ID: 9368319 | AB | Cutaneous T cell lymphoma (CTCL) is characterized by a clonal malignant proliferation of mature helper T cells in the skin with ultimate progression involving lymph nodes, peripheral blood and viscera. |
| TI | Regulation of interferon-alpha responsiveness by the duration of Janus kinase activity. | | | |
| AU | Lee C K; Bluyseens H A; Levy D E | | | |
| SO | JOURNAL OF BIOLOGICAL CHEMISTRY, (1997 Aug 29) 272 (35) 21872-7. | | | |
| NC | A129900 (NIHDB) | | | |
| CY | United States | | | |
| DT | Journal; Article; (JOURNAL ARTICLE) | | | |
| LA | English | | | |
| FS | MEDLINE; Priority Journals | | | |
| OS | MEDLINE 9713783 | | | |
| EM | 19710 | | | |
| ED | Entered STN: 1971105
Last Updated on STN: 20021018 | | | |
| DA | Daudi B lymphoblastoid cells are highly sensitive to the anti-growth and anti-viral effects of interferon (IFN). Unlike many cell lines, these cells show prolonged transcription of IFN-stimulated genes following treatment with IFN-alpha. This prolonged response correlated with the continued presence of the activated transcription factor, IFN-stimulated gene factor 3 (****ISGF3****). Pulse-chase labeling experiments indicated that the half-life of the phosphorylation of signal transducers and activators of transcription (STAT)1 and STAT2 was short (<2 h) although the turnover of the proteins themselves was slow (>24 h), indicative of a constitutive phosphatase activity. The administration of protein-tyrosine kinase inhibitors at any time point during IFN stimulation led to rapid inhibition of the response, indicating that tyrosine kinase activity was continuously required. Catalytic activity of Jak1 and Tyk2 kinases remained elevated for prolonged periods following stimulation. Continuous presence of IFN-alpha was necessary for maintaining prolonged activation of ISGF3 and of Janus kinases, an activity that was blocked by antibodies to IFN-alpha or by cycloheximide. Conditioned medium of IFN-alpha-stimulated cells was capable of stimulating STAT activation in naive cells. Taken together, these results suggest that the response to IFN-alpha is controlled by the duration of stimulated Janus kinase activity over the background of constitutive dephosphorylation and that this response can be sustained by autocrine secretion of IFNalpha. | | | |
| L3 | ANSWER 4 OF 6 CANCERLIT on STN | | | |
| AN | 199863782 | CANCERLIT | | |
| DN | 9863782 | | | |
| TI | Interferon-alpha resistance in a cutaneous T cell lymphoma cell line is associated with loss of the STAT1 protein (Meeting abstract). | | | |
| AU | Sun W H; Jandresa S; Pabon C; Rosen S T | | | |
| CS | Lurie Cancer Center, Northwestern University Medical School, Chicago, IL 60614. | | | |
| SO | Proc Annu Meet Am Assoc Cancer Res, (1997) 38 A782. | | | |
| ISSN: | 0197-016X. | | | |
| DT | (MEETING ABSTRACTS) | | | |
| LA | English | | | |
| FS | Institute for Cell and Developmental Biology | | | |
| EM | 199801 | | | |
| ED | Entered STN: 19980109
Last Updated on STN: 19980109 | | | |
| L3 | ANSWER 5 OF 6 DRUGU COPYRIGHT 2005 THE THOMSON CORP on STN | | | |
| AN | 199863782 | DRUGU | | |
| DN | 9863782 | C M | | |
| TI | Interferon receptor recognition Peptides enhance the biological potency of interferon alphas. | | | |
| AU | Fish E N | | | |
| CS | Univ.Toronto
TO, Toronto, Ont., Can. | | | |
| LO | FEMS lett. (3165, No. 1, 87-91, 1995) 4 Fig. 25 Ref. | | | |
| SO | 1995-03339 | | | |
| ODEN: FEBLA | ISSN: 0014-5793 | | | |
| AV | Department of Microbiology, University of Toronto, FitzGerald Bldg., 150 College Street, Toronto, Ont., M5S 1A8, Canada. | | | |
| LA | English | | | |
| DT | Journal | | | |
| FA | AB; LA; CT | | | |

FS Literature
AB 3 Peptides were prepared which corresponded to putative receptor
recognition domains of IFN; they were designated IFN receptor recognition
peptides (IRRP): CLKRD (IRRP-1), ELLERKRYELIQND (IRRP-2) and
YFRITIYLIEKKYSPCA (IRRP-3). The peptides increased the extent of
1251-IFN- α -1 binding to Daudi cells, and enhanced the activation of
the transcription factor ISGF3 induced by IFN-Con-1 (a consensus
IFN- α , Angen) in Daudi and MRC-5 cells. Human glial T98G cells were
challenged with EMC virus (EMCV); the peptides enhanced the antiviral
activity of suboptimal doses of IFN-Con-1 vs. EMCV. However, the IRRP
peptides had little ability to augment the antiproliferative action of
higher doses of IFN-Con-1 vs. T98G cells.

L3 ANSWER 6 OF 6 CANCERLIT ON STN

DUPLICATE 2

AN 92346719 CANCERLIT

DN 92346719 PubMed ID: 1638633

TI A transcription factor with SH2 and SH3 domains is directly activated by

an interferon alpha-induced cytoplasmic protein tyrosine kinase(s).

AU Fu X Y

CS Department of Biochemistry, Mount Sinai School of Medicine, New York, New

York 10029.

SO CELL, (1992 Jul 24) 70 (2) 323-35.

JOURNAL CODE: 0413066. ISSN: 0092-8674.

CY United States

DT Journal Article; (JOURNAL ARTICLE)

LA English

FS MEDLINE: Priority Journals

OS MEDLINE 92346719

EM 199209

ED ENTERED STN: 19990618

LAST UPDATED ON STN: 19990618

AB Interferon-stimulated gene factor 3 (ISGF3), the primary transcription
factor induced by interferon alpha, is a complex of four (113, 91, 84, and
48 kd) proteins. This paper reports that the 113, 91, and 84 kd (ISGF3
alpha) proteins of ISGF3 contain conserved SH2 and SH3 domains. A specific
interferon alpha-induced cytoplasmic protein tyrosine kinase(s) can form a
transient complex with ISGF3 alpha proteins. These ISGF3 alpha proteins
can be immunoprecipitated by anti-phosphotyrosine antibodies only after
interferon alpha treatment. Phosphoamino acid analyses of 32P-
+** labeled*** ISGF3*** alpha proteins confirm that ***ISGF3***
alpha proteins are directly tyrosine phosphorylated both in vitro and in
vivo in response to interferon alpha, and this tyrosine phosphorylation
can be inhibited by staurosporine and genistein. Phosphatase treatment of
these ISGF3 alpha proteins results in inhibition of ISGF3 complex
formation in vitro. These observations indicate that interferon
alpha-induced direct tyrosine phosphorylation of ISGF3 alpha proteins is
necessary for activation of the transcription factor ISGF3.

=> d his

(FILE 'HOME' ENTERED AT 12:02:22 ON 06 MAY 2005)

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'AQUASCII', 'BIORUNNERS', 'BIOCOMMERCE', 'BIOENG', 'BIOSN', 'BIOTECHARS', 'BIOTECHS',
'BIOTECHNO', 'CABA', 'CANCERLIT', 'CAPIUS', 'CEABA-VTB', 'CIN', 'CONFSCI', 'CROB',
'CROPU', 'DDFB', 'DDFU', 'DGENE', 'DISSABS', ...' ENTERED AT 12:02:33 ON 06 MAY 2005

SEARCH ISGF3 (15A) LABEL?

FILE 'CANCERLIT', 'BIOTECNHO', 'LIFESCI', 'SCISEARCH', 'USPATFULL', 'BIOSIS',
'CARLUS', 'DRUGU', 'EMBASE', 'ESBIOTBASE', 'MEDLINE' ENTERED AT 12:03:07 ON 06 MAY

2005 17 S 11

6 DUP REM L2 (11 DUPLICATES REMOVED)

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FULL ESTIMATED COST

SINCE FILE ENTRY

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'BIOSIS', 'CARLUS', 'DRUGU', 'EMBASE', 'ESBIOTBASE', 'MEDLINE' AT 12:08:58 ON 06 MAY 2005

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BIOCERNO, CABBA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROB,
CROPU, DDFB, DDFU, DGENE, DISSABS, ... ENTERED AT 12:09:08 ON 06 MAY 2005

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2 FILE BIOTECHABS

2 FILE BIOTECHS

1 FILE BIOTECNO

1 FILE CANCERLIT

5 FILE CAPLUS

3 FILE CEABA-VTB

1 FILE CIN

23 FILES SEARCHED...

34 FILE DGENE

1 FILE EMBASE

1 FILE ESBIOBASE

36 FILES SEARCHED...

90 FILE GENBANK

8 FILE IFPAT

1 FILE MEDLINE

1 FILE SCISEARCH

2 FILE TOXCENTER

29 FILE USPATFULL

1 FILE USPAT2

3 FILE WPIDS

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17 25 DUP REM 16 (4 DUPLICATES REMOVED)

=> 17 not 13

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=> s 18 and pd<1993

L9 0 L8 AND PD<1993

=> d 18 bib ab 24-25

LB ANSWER 24 OF 25 USPATFULL on STN

LB 1999-136984 USPATFULL

T1 Nucleic acids encoding receptor recognition factor Stat1.alpha. and

Stat1.beta., and methods of use thereof

IN Darnell, Jr., James E., Larchmont, NY, United States

Schindler, Christian W., New York, NY, United States

Fu, Xin-Yuan, Forrest Hills, NY, United States

Wei, Zilong, New York, NY, United States

Zhong, Zhong, New York, NY, United States

PA The Rockefeller University, New York, NY, United States (U.S.

corporation)
PI US 5976335 19991102
US 1997-820754 19970319 (81)
Division of Ser. No. US 1994-212185, filed on 11 Mar 1994 which is a continuation-in-part of Ser. No. US 1993-126588, filed on 24 Sep 1993, now abandoned. And Ser. No. US 1993-26595, filed on 24 Sep 1993, now abandoned which is a continuation-in-part of Ser. No. US 1992-98098, filed on 23 Nov 1992, now abandoned which is a continuation-in-part of Ser. No. US 1992-854296, filed on 19 Mar 1992, now abandoned

DT Utility
FS Granted
EXNAM Primary Examiner: Spector, Lorraine
LREP Klauber & Jackson
CLM Number of Claims: 27
ECL Exemplary Claim: 1
DRWN 38 Drawing Figure(s); 35 Drawing Page(s)
LN.CNT 3413

CLMN Number of Claims: 27
ECL Exemplary Claim: 1
DRWN 38 Drawing Figure(s); 35 Drawing Page(s)
LN.CNT 3413
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

The present invention relates generally to the control of body weight of animals including mammals and humans, and more particularly to materials identified herein as modulators of weight, and to the diagnostic and therapeutic uses to which such modulators may be put. In its broadest aspect, the present invention relates to the elucidation and discovery of nucleotide sequences, and proteins putatively expressed by such nucleotides or degenerate variations thereof, that demonstrate the ability to participate in the control of mammalian body weight. The murine and human ob gene, that have been postulated to play a critical role in the regulation of body weight and adiposity. Preliminary data, presented herein, suggests that the polypeptide product of the gene in question functions as a hormone. The present invention further provides

nucleic acid sequences in object represent the genes corresponding to the murine and human ob gene, that have been postulated to play a critical role in the regulation of body weight and adiposity. Preliminary data, presented herein, suggests that the polypeptide product of the gene in question functions as a hormone. The present invention further provides nucleic acid molecules for use as molecular probes, or as primers for polymerase chain reaction (PCR) amplification, i.e., synthetic or natural oligonucleotides. In further aspects, the present invention provides a cloning vector, which comprises the nucleic acids of the invention; and a bacterial, insect, or a mammalian expression vector, which comprises the nucleic acid molecules of the invention, operatively associated with an expression control sequence. Accordingly, the invention further relates to a bacterial or a mammalian cell transfected or transformed with an appropriate expression vector, and correspondingly, to the use of the above mentioned constructs in the preparation of the modulators of the invention. Also provided are antibodies to the ob polypeptide. Moreover, a method for modulating body weight of a mammal is provided. In specific examples, genes encoding two isoforms of both the murine and human ob polypeptides are provided. Polypeptides confirm direct involvement of tyrosine kinase in intracellular message transmission. Numerous diagnostic and therapeutic materials and utilities are also disclosed.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Receptor recognition factors exist that recognizes the specific cell receptor to which a specific ligand has been bound, and that may thereby signal and/or initiate the binding of the transcription factor to the DNA site. The receptor recognition factor is in one instance, a part of a transcription factor, and also may interact with other transcription factors to cause them to activate and travel to the nucleus for DNA binding. The receptor recognition factor appears to be second-messenger-independent in its activity, as overt perturbations in second messenger concentrations are of no effect. The concept of the invention is illustrated by the results of studies conducted with interferon (IFN)-stimulated gene transcription, and particularly, the activation caused by both IFN alpha, and IFN- gamma.. Specific DNA and amino acid sequences for various human and murine receptor recognition factors are provided, as are polypeptide fragments of two of the ISGF-3 genes, and antibodies have also been prepared and tested. The polypeptides confirm direct involvement of tyrosine kinase in

intracellular message transmission. Numerous diagnostic and therapeutic

LB ANSWER 25 OF 25 USPATFULL on STN

AN 199919227 USPATFULL

TI Mammalian ob polypeptides capable of modulating body weight,

corresponding nucleic acids, and diagnostic and therapeutic uses thereof

IN Friedman, Jeffrey M., New York, NY, United States

Zhang, Yiping, New York, NY, United States

Froehne, Ricardo, Astoria, NY, United States

Maffei, Margherita, Ascoli, Italy

Hallas, Jeffrey L., New York, NY, United States

Gajiwala, Ketan, New York, NY, United States

Burley, Stephen K., New York, NY, United States

PA The Rockefeller University, New York, NY, United States (U.S.

corporation)

PI US 5935810 19990810

AI US 1994-34763 19941130 (81)

RLI Continuation-in-part of Ser. No. US 1994-292345, filed on 17 Aug 1994

DT Utility

FS Granted

EXNAM Primary Examiner: Railey, II, Johnny F.

LREP Klauber & Jackson

=> log h
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE FILE
ENTRY | TOTAL
SESSION
32.89 |
|---------------------|---------------------------|
| 8.25 | |

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 12:12:56 ON 06 MAY 2005